

Colloids and Surfaces
A: Physicochemical and Engineering Aspects 162 (2000) 301-302

COLLOIDS AND SURFACES A

www.elsevier.nl/locate/colsurfa

## Contents of Volume 162

Vol. 162 Nos. 1-3

Effect of additives on biodegradation of PAH in soils	
T. Sobisch, H. Heß, H. Niebelschütz and U. Schmidt (Berlin, Germany)	1
Adsolubilization of anthracene on surfactant covered silica in dependence on pH: indications for different adsolubilization in	
admicelles and hemimicelles	
T. Behrends and R. Herrmann (Bayreuth, Germany).	15
A common theoretical basis for surface forces apparatus, osmotic stress, and beam bending measurements of surface forces	24
L.J.D. Frink and F. van Swol (Albuquerque, NM, USA)	25
Zeta potentials of monodispersed, spherical silica particles in mixed solvents as a function of cesium chloride concentration M. Kosmulski, P. Eriksson, C. Brancewicz and J.B. Rosenholm (Åbo, Finland)	37
Ion exchange of alkaline earth and transition metal ions on fibrous acrylonitrile based cerium (IV) phosphate—a kinetic	31
study	
K.G. Varshney and N. Tayal (Aligarh, India)	49
Slippage during the flow of emulsions in rheometers	7)
R. Pal (Waterloo, Ont., Canada)	55
Dynamic scaling and fractal structure of small colloidal clusters	
M. Tirado-Miranda, A. Schmitt, J. Callejas-Fernández (Granada, Spain) and A. Fernández-Barbero (Almería, Spain).	67
Dynamic desorption of macromolecules from solid surfaces by low-molecular-weight displacers	
S.H. Nguyen and D. Berek (Bratislava, Slovakia)	75
Interaction of 2-amino, 3-amino and 4-aminopyridines with nickel and cobalt ferrocyanides	
T. Alam and Kamaluddin (Roorkee, India)	89
Surface modification of alumina by metal doping	
A.K. Khattak (Dera Ismail Khan, Pakistan), M. Afzal, M. Saleem, G. Yasmeen and R. Ahmad (Islamabad,	
Pakistan)	99
Molar mass selectivity in the adsorption of polyacrylates on calcite	
C. Geffroy, J. Persello, A. Foissy (Besançon, France), P. Lixon, F. Tournilhac and B. Cabane (Gif sur Yvette,	
France)	107
Use of wide and small angle X-ray diffraction to study the modifications in the stratum corneum induced by octyl glucoside	122
O. López, M. Cócera, L. Campos, A. de la Maza, L. Coderch and J.L. Parra (Barcelona, Spain)	123
Solubilization of stratum corneum lipid liposomes by C <sub>14</sub> -betaine/sodium dodecyl sulfate mixtures. Influence of the level of	
ceramides in the solubilization process O. Lopez, M. Cócera, J.L. Parra and A. de la Maza (Barcelona, Spain)	131
A study of dual polymer flocculation	131
A. Fan, N.J. Turro and P. Somasundaran (New York, NY, USA)	141
Self-assembly structures of nonionic surfactants at graphite-solution interfaces. 2. Effect of polydispersity and alkyl chain	141
branching	
H.N. Patrick and G.G. Warr (Sydney, Australia)	149
Light scattering study of structure of dispersion particles based on ethyl acrylate-methacrylic acid copolymers	
L. Mrkvičková, Z. Walterová, P. Bradna, O. Quadrat (Prague, Czech Republic) and J. Šňupárek (Pardubice, Czech	
Republic)	159
Mechanistic modeling of chromate adsorption onto goethite	
R. Weerasooriya and H.J. Tobschall (Erlangen, Germany)	167
Rheology of titanium oxide based gels: determination of gelation time versus temperature	
A. Ponton, S. Barboux-Doeuff and C. Sanchez (Paris, France)	177
Relationship between surface dilational properties and foam stability	
H. Fruhner, KD. Wantke and K. Lunkenheimer (Berlin, Germany)	193
Stepwise adsorption of a long trichlorosilane and a short aminosilane	202
B. Wu, G. Mao and K.Y.S. Ng (Detroit, MI, USA)	203
A new approach to determination of the parameters describing liquid adsorption on the solid surfaces	215
P. Podkościelny and A. Dąbrowski (Lublin, Poland)	215
Untypical surface properties of aqueous solutions of 1,5-pentanediol  J. Gliński (Wrocław, Poland), G. Chavepeyer and JK. Platten (Mons, Belgium)	233
Electrochemical studies of 1,3,7,9-tetramethyluric acid in aqueous and micellar media	233
	239
and any and any and any and foresterned annuals and any any and any any and any any and any any and any and any any and any any and any and any	

Heterogeneous dissolution of benzo(a)pyrene by surfactant solutions	
JC. Dur, R. Rama, H. Parola and V. Chaplain (Cedex, France)	249
Effect of triazine dye on electrical conductivity and extraction of bovine serum albumin in reversed micelles formed with cetyltrimethylammonium bromide	
Tx. Zhang, Hz. Liu and Jy. Chen (Beijing, People's Republic of China)	259
Relationship between interaction forces and the structural compactness of depletion flocculated colloids	
J.L. Burns, Yd. Yan, G.J. Jameson and S. Biggs (Callaghan, Australia)	26:
The influence of a surfactant on the characteristics of the iron powders obtained by mechanical milling in organic media	
S.F. Lomayeva, E.P. Yelsukov, G.N. Konygin, G.A. Dorofeev, V.I. Povstugar, S.S. Mikhailova, A.V. Zagainov and A.N.	
Maratkanova (Izhevsk, Russia)	279
Brief notes	
Effects of electrolytes and curing on freezing of ferric hydroxide sludge	
D.S. Jean and D.J. Lee (Taipei, Taiwan, ROC)	285
Preparation of core particles for toner application by membrane emulsification	
YK. Ha, HS. Song, HJ. Lee and JH. Kim (Seoul, South Korea)	289
Calendar	295
Author Index	297
Subject Index	299
Contents of Volume 162	301